Infineon Docket No.
OC Docket No.
Express Mail No.

2003P52878US
INFN/0025
EV331235106US

## **BACK-BIAS VOLTAGE GENERATOR WITH TEMPERATURE CONTROL** ABSTRACT OF THE DISCLOSURE

Methods and apparatus for varying one or more internally generated voltages of a memory device based on the temperature of the memory device are provided. The device temperature may be measured directly, for example, via an on-chip temperature sensor, or may be supplied as bits in a mode register containing temperature information.